



Control Number: 49066



Item Number: 285

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SHARYLAND UTILITIES, L.L.C.  
TRANSMISSION CONSTRUCTION PROGRESS REPORT  
for  
October 2019

Public Utility Commission of Texas  
Project No. **49066**

| Utility's Project Number | Project Name                            | Location (City/County) | Description                                                                     | Estimated (or Actual) Start Date | Final Date (Construction Complete) | Date Energized (if Applicable) | Initial Estimated Project Cost (\$) | Final Estimated Project Cost (\$) | Final Actual Project Cost (\$) | # of Miles | Percent Complete | Existing Voltage (KV) | Upgraded or New Voltage (KV) | Circuit Length (Miles) | Conductor Type & Size & Bundles                                  | Structure Type(s)          | Existing ROW Width (Feet) | Existing ROW Length (Miles) | New ROW Width (Feet) | New ROW Length (Miles) | Rule Section or PUC Control Number | Comments              |
|--------------------------|-----------------------------------------|------------------------|---------------------------------------------------------------------------------|----------------------------------|------------------------------------|--------------------------------|-------------------------------------|-----------------------------------|--------------------------------|------------|------------------|-----------------------|------------------------------|------------------------|------------------------------------------------------------------|----------------------------|---------------------------|-----------------------------|----------------------|------------------------|------------------------------------|-----------------------|
| TPSU 17 006392           | Silman Substation and Interconnect Line | Cameron County         | New 138 kV substation and transmission line connection with Palmko substation   | 1/17/2017                        |                                    |                                | 12,918,462                          |                                   |                                |            | 97               | 138                   | na                           | 0.21                   | \$54 kmil Al Aluminum Conductor (AAC) "Magnolia", Single Circuit | Concrete or Steel Maropole | 150                       | 0.03                        | 80                   | 0.1                    | 25 101(c)(2)<br>25 101(c)(5)(A)    |                       |
| TPSU 18 006402           | Taylor Substation Upgrade               | Hidalgo County         | Upgrade line protection relays per AEP request                                  | 6/1/2018                         |                                    |                                | 300,000                             |                                   |                                |            | 76               | 138                   | na                           | na                     | na                                                               | na                         | na                        | na                          | na                   | na                     | 25 101(c)(2)                       |                       |
| TPSU 18 006401           | Benken Substation Upgrade               | Hidalgo County         | Upgrade line protection relays per AEP request                                  | 6/20/2018                        |                                    |                                | 300,000                             |                                   |                                |            | 76               | 138                   | na                           | na                     | na                                                               | na                         | na                        | na                          | na                   | na                     | 25 101(c)(2)                       |                       |
| TPSU 18 006423           | Rainford Substation Upgrade             | Hidalgo County         | Replace aging transformer and upgrade the protection and control infrastructure | 9/5/2018                         | 4/24/2019                          |                                | 4,000,000                           |                                   |                                |            | 100              | 138                   | na                           | na                     | na                                                               | na                         | na                        | na                          | na                   | na                     | 25 101(c)(2)                       | Awaiting final costs. |

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